



Hawaii

Pacific Missile Range Facility

Facility and Location

Located in Hawaii on the western shores of Kauai, the Pacific Missile Range Facility (PMRF) at Barking Sands is the world's largest instrumented, multi-dimensional testing and training missile range. The installation is favored for its relative isolation, ideal year-round tropical climate, and encroachment free environment. PMRF is the only range in the world where submarines, surface ships, aircraft, and space vehicles can operate and be tracked simultaneously. There are over 1,100 square miles of instrumented underwater range and over 42,000 square miles of controlled airspace. The facility itself covers roughly 2,385 acres and includes a 6,000 foot runway with operations and maintenance facilities. It has roughly 70 housing units and various recreational facilities for those who can access the facility. PMRF has support facilities at Port Allen, Makaha Ridge, and Koke'e State Park.

The facility also uses a portion of the nearby island of Niihau for remotely-operated APS-134 surveillance radar, a 1,100 acre test vehicle recovery site, a perch electronic warfare site, multiple electronic warfare portable simulator sites, and a helicopter terrain flight training course.

Media Sampled and Findings

Drinking Water — In 2007, two of two samples detected perchlorate at 0.72 and 3.98 ppb. Prior to 2007, two of two samples detected perchlorate at 0.86 and 3.5 ppb.

Appropriate Actions

Not Applicable. All samples were below the EPA and DoD Preliminary Remediation Goal of 15 ppb.